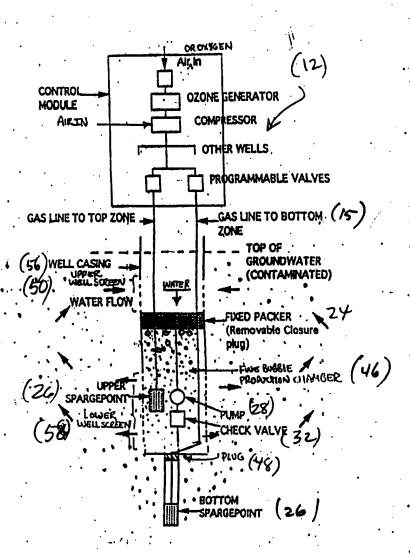
FIGURE 2



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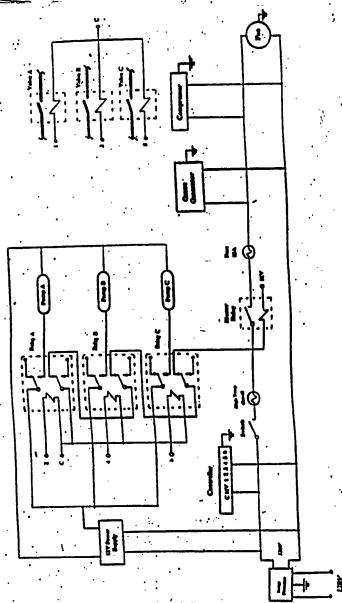
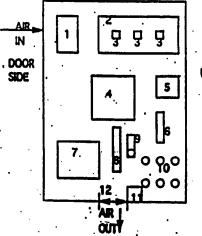
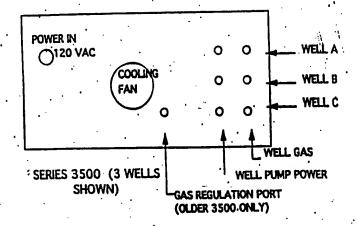


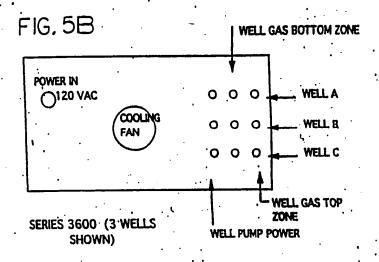
FIGURE 3

## FIGURE 4

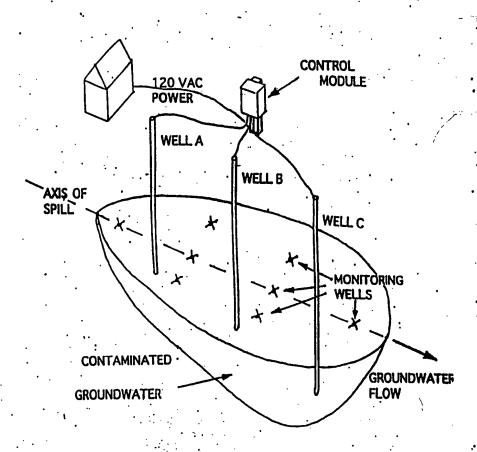


- 71 AC to DC Power Converter(or trickle charged lead acid battery)
- . 7.2 Ozone Generator
- 7 3 Well Gas Relays (3 wells shown)
- 74 Compressor
- 7 5 Master Relay
- 76 15 A Main Fuse
- 7 7 Programmable Timer-Controller
- 7 8 Power Strip
- 7 9 Gas Regulator & Pressure Gage
  - 80 Solenoid Manifold(Number depends on Series & Number wells)
- **81** Ground Fault Interruptor
- 2 Cooling Fan





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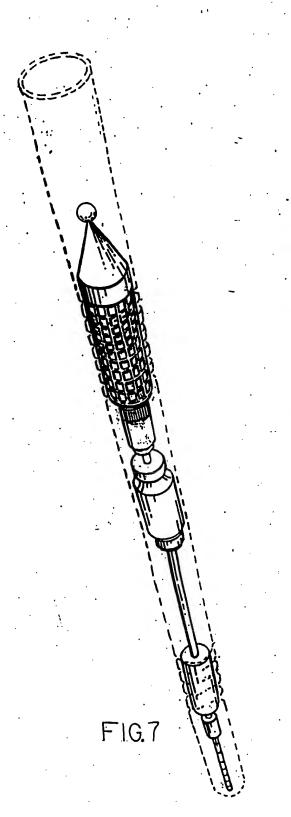
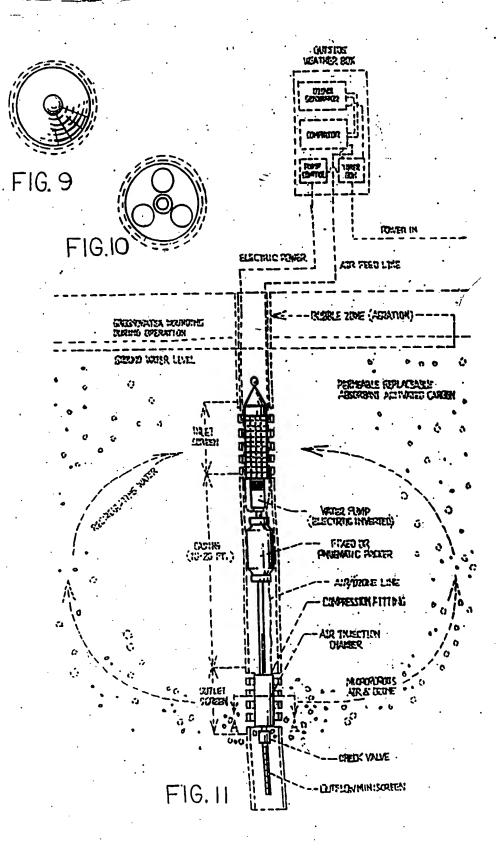
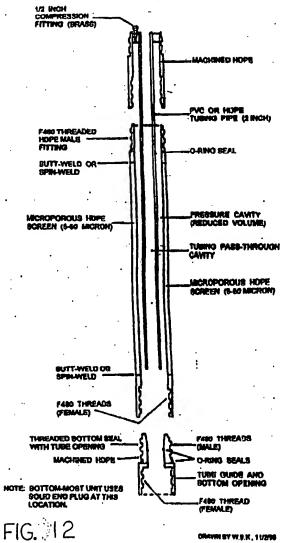


FIG.8



## PASS-THROUGH THREADED MICROPOROUS SPARGEPOINT A ASSEMBLY (ATTACHES TO TUBING BURGLE)



ORIGINAL BY W.P.K., 11/2/96

## TABLE 1 C-SPARGER TM MODEL SERIES 3500 & 3600 SPECIFICATIONS

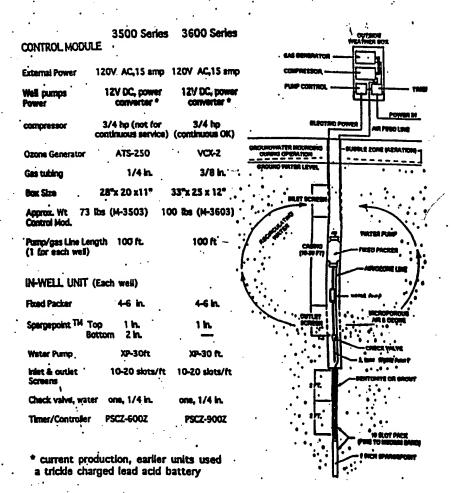


FIG.13

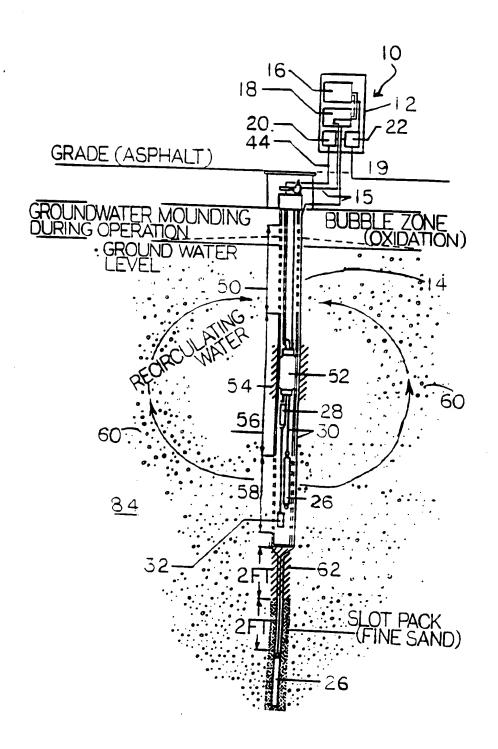


FIG. 1

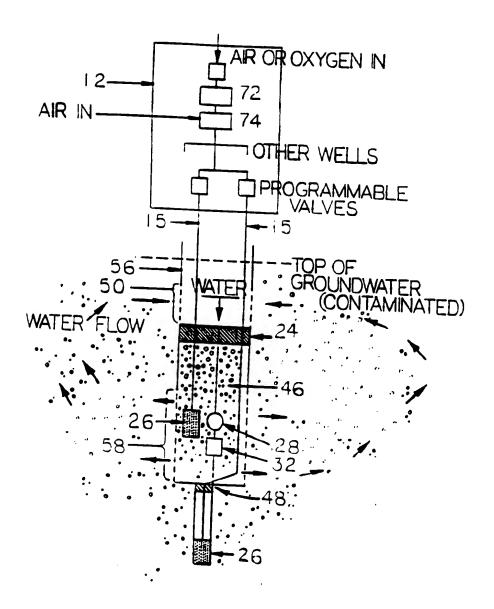


FIG. 2

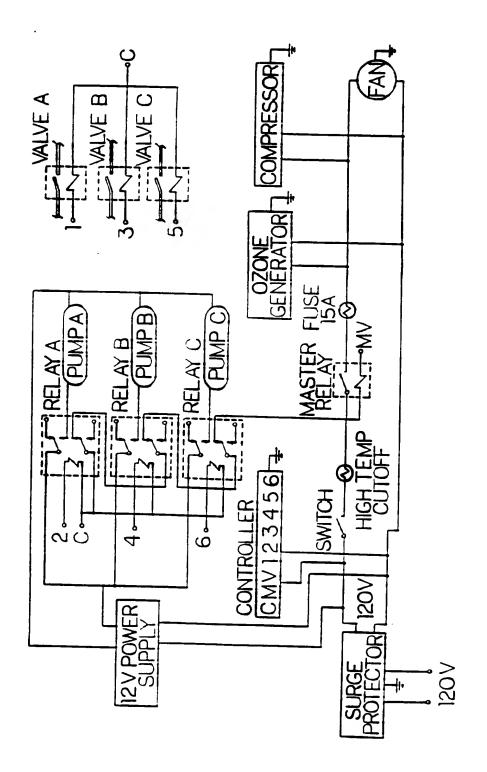
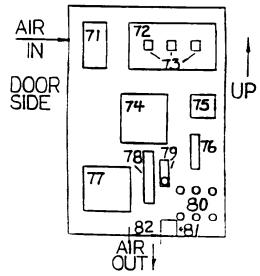


FIG. 3



- 71 AC TO DC POWER CONVERTER (OR TRICKLE CHARGED LEAD ACID BATTERY)
- 72 OZONE GENERATOR
- 73 WELL GAS RELAYS (3 WELLS SHOWN)
- 74 COMPRESSOR
- 75 MASTER RELAY
- 76 15A MAIN FUSE
- 77 PROGRAMMABLE TIMER CONTROLLER
- 78 POWER STRIP
- 79 GAS REGULATOR AND PRESSURE GAGE
- 80 SOLENOID MANIFOLD (NUMBER DEPENDS ON SERIES AND NUMBER WELLS)
- 81 GROUND FAULT INTERRUPTOR
- 82 COOLING FAN

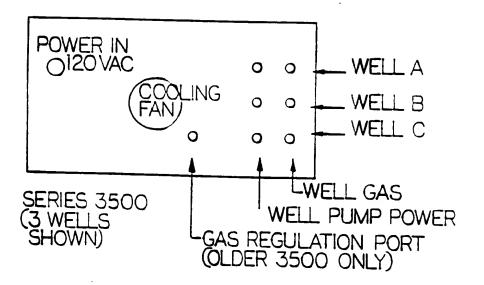


FIG. 5A

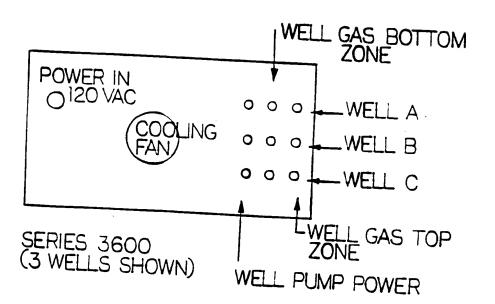


FIG. 5B

## C-SPARGER TM SYSTEMS - TYPICAL REMEDIATION SYSTEM CONFIGURATION

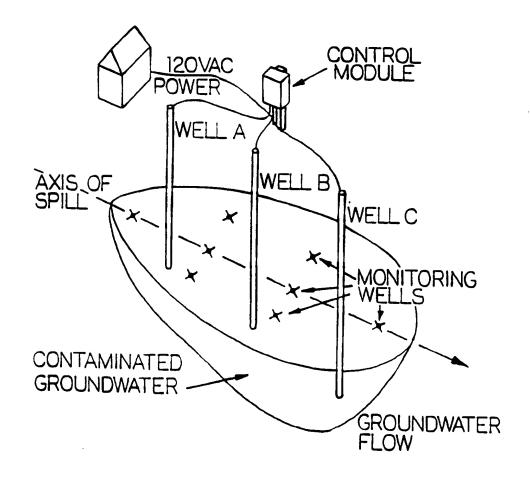
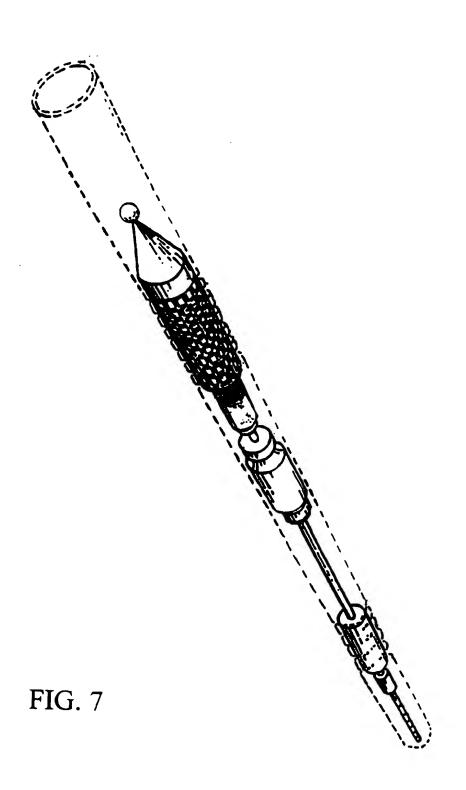


FIG. 6



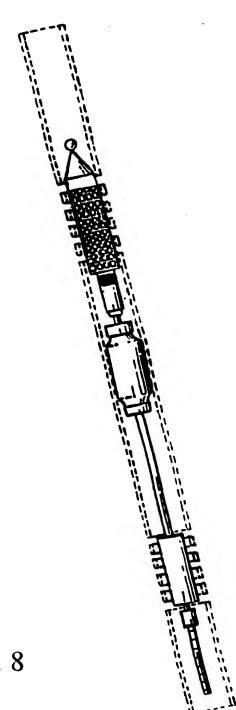


FIG. 8



FIG. 9



FIG. 10

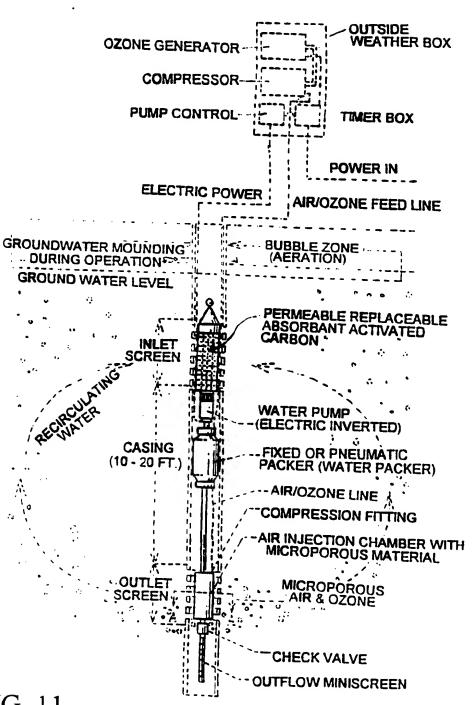


FIG. 11

PASS-THROUGH THREADED MICROPOROUS SPARGEPOINT R ASSEMBLY (ATTACHES TO TUBING BUNDLE) V2 INCH COMPRESSION FITTING (BRASS) MACHINED HDPE F480 THREADED HDPE MALE PVC OR HDPE TUBING PIPE (2 INCH) FITTING BUTT-WELD OR O-RING SEAL SPIN-WELD MICROPOROUS HDPE SCREEN PRESSURE CAVITY (REDUCED VOLUME) (5-50 MICRON) TUBING PASS-THROUGH CAVITY BUTT-WELD OR SPIN-WELD MICROPOROUS HDPE SCREEN (5-50 MICRON) F480THREADS (FEMALE) -F480 THREADS THREADED (MALE) BOTTOM SEAL WITH TUBE O-RING SEALS OPENING TUBE GUIDE AND MACHINED HDPE-BOTTOM OPENING NOTE: F480 THREAD BOTTOM-MOST UNIT (FEMALE) USES SOLID END PLUG AT THIS LOCATION.

FIG. 12

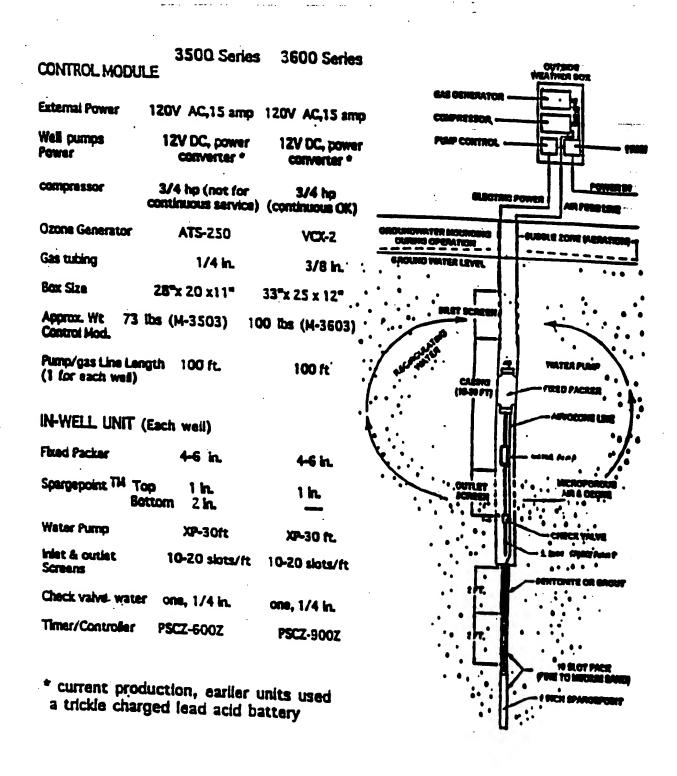


FIG. 13